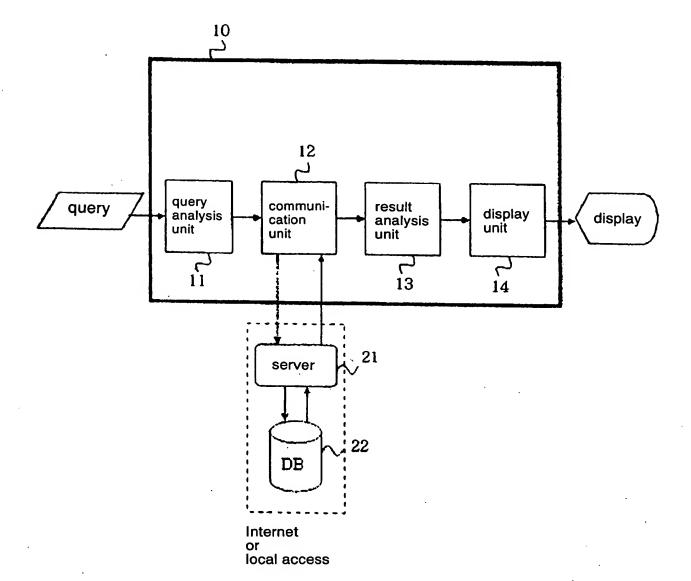
"Sequence Display Method and Homology Search Method for Facilitating Access to Information Relating to Regions of Mutation and Regions of Similarity Between Plurality of Sequences"

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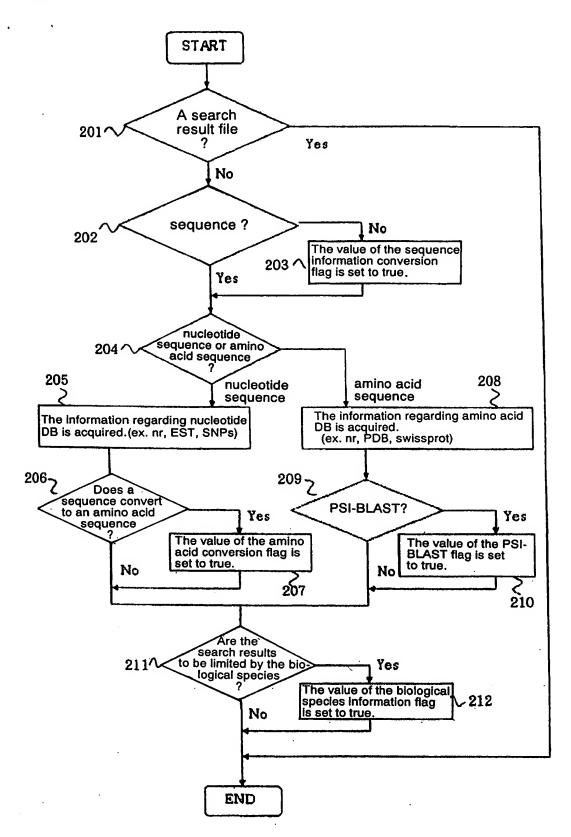
∍Fig. 1



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Fig. 2



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Fig. 3

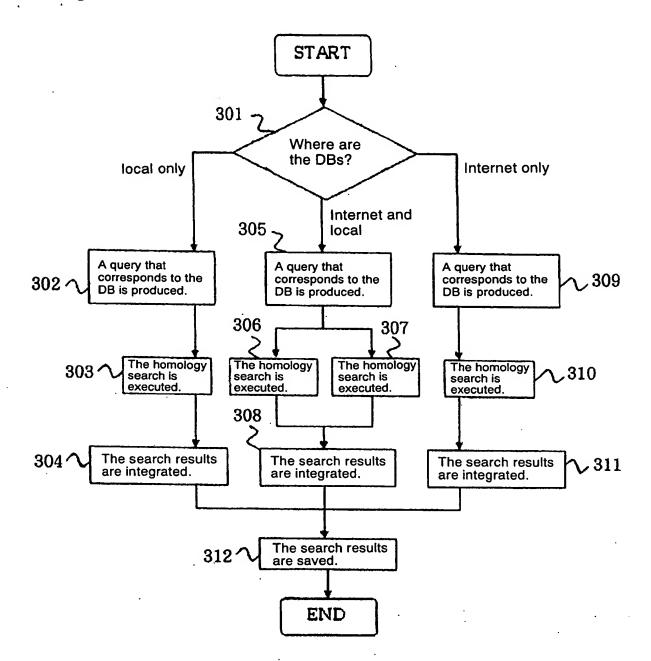


Fig. 4

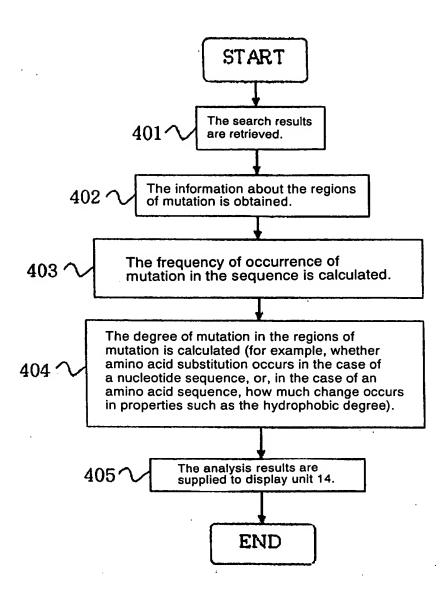
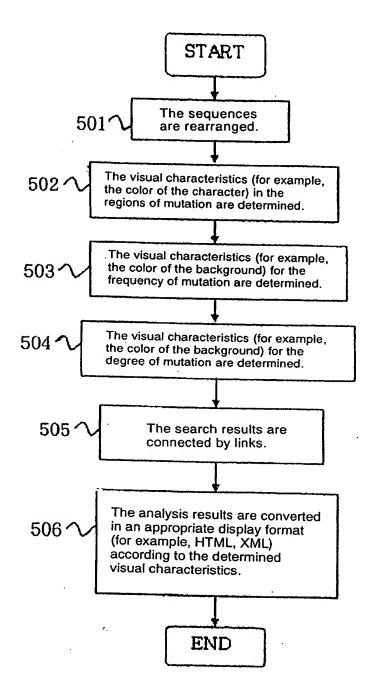


Fig. 5



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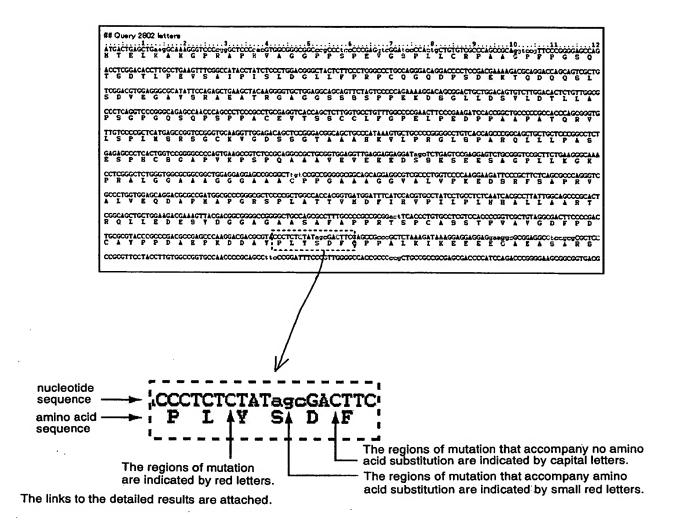
- Fig. 6

Blast Auto Submition Form

If you submit, your o	uery send to NCBI BLAST, and parse results.	<u> </u>		
or Enter Query File	[Ref]			
Choose database Limit by entrez query	♥ Human nr ♥ Human EST ♥ Human SNPs select from: Homo sapiens [ORGN]			
Display translated codon	Check this out, ex)query is promoter	4.111.111.111.111.111.111.111.111.111.1		
To submit the query. Submit To clear the form Clear				
Blast Result Parser	<u>Form</u>			
If you submit, parse	BLAST Result.			
Enter your Query		<u>@</u>		
or Enter Query File	(Ref.,			
Enter Blast Result File Enter Blast Result File Enter Blast Result File	Ref			

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· Fig. 7



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Fig. 8

ALIGNMENTS

;Jump∜ (Cloar-)	
Sequence ID >> Query 1 - 60 query 1 - 60 qui dbSNP rs2008112 gi 35651 emb X51730.1 ESPREC gi 4102792 gb AF016381.1 AF016381 gi 4505766 ref NM gi 189934 gb Mi5716.1 EIMPGRR gi 22759951 dbj AB085845.1 gi 22759949 dbj AB085844.1 gi 22036116 dbj AB085683.1 gi 20278870 dbj AB085843.1 gi 22759947 dbj AB085843.1 gi 22759947 dbj AB085843.1 gi 14245763 dbj AB085843.1	atgactgage tgaaggeaaa gggtccccgg getcccaeg tggcgggegg cccgcctcc
	•
	•
Sequence ID Colored Colored	tacttatgtg ctggaagaaa tgactgcatc gttgataaaa tccgcagaaa aaactgccca tacttatgtg ctggaagaa tgattgcatc gttgataaaa tccgcagaaa aaactgccca tactatgtg ctggaaga aa tgattgcatc tt gataaaa tccgcagaaa aaactgccca tactatgtg ctggaaga aa tgattgcatc tt gataaaa tccgagaaa aaactgccca tactatgtg ctggaagaa tgattgcatc tt gataaaa tcgagaaa aaactgccca tactatgtg ctggaagaa tagatgcatc tt gataaaa tcgagaaa aaactgccca tactatgtg ctggaagaa tgattgcatc tt gataaaa tcgagaaa aaactgccca tactatgtg ctggaagaa atgattgcatc tt gataaaa tcgagaaa aaactgccca tactatgtg ctggaagaa atgattgcatc tt gataaaa tcgagaaa aaactgccca tactatgtg ctggaagaaa tagatgcatc tt gataaaa tcgagaaa aaactgccca tactatgtg ctggaagaaa tgattgcatc tt gataaaa tcgagaaa aaactgccca tactatgtg ctggaagaaa tga

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. Fig. 9

Blast Auto Submition Form

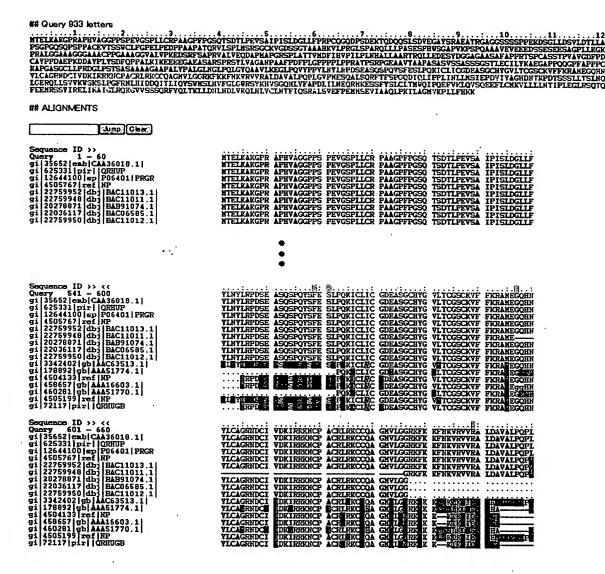
If you submit, your	query send to NCBI BLAST, and parse results.	
Enter your Query		<u>.</u>
or Enter Query File	Ref	
Choose database Limit by entrez query	nr Select from: (none)	
PSI BLAST iteration	1 means standard blastp	
To submit the query, S	Submits To clear the form Clear	
Blast Result Parse	r Form	
If you submit, parse	BLAST Result.	
Enter your Query	·	X
or Enter Query File	Ref.	Standard Sta
Enter Blast Result File		
Enter Blast Result File	Ref.	
Enter Blast Result File	Ref.	
To submit the guery. S	ubmit. To clear the form Clear	

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*Fig. 10



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Fig. 11

0 .-2 -3 2 -3 0 2 -2 0 -3 -2 -3 - 12 -2 5 0 -3 -3 1 -3 - 1-2 -3 -1 -3 -2 -2 6 -2 -4 -1 -30 -2 -3 -3 -1 -2 2 -3 -2 2 0 -3 -2 -1 -2 -2 -2 -1 -3 - 5 -1 -3 -1 -1 -2 0 -2 -3 -2 1 2 -1 5 0 -2 -1 -3 -3 -3 -3 -3 -3 -3 0 6 -1 -2 -2 -3 -3 0 - 1 - 20 -2 -1 -2 -1T -2 -2 -1 -1 -1 -1 -2 -1 5 -2 -3 -2 -2 -3 -2 -3 -1 1.-4 -3 -2 11 -2 -3 2 -1 -1 -2 - 13 -3 -2 -2 V 0 -3 -3 -3 -1 -2 -3 -3 3 1 -2 1 -1 -2 -2 -3 0 0 -3 -4 -1 0 -3 -3 -2 2 -1 -2 0 -3 -3 -3 -1 -1 -1 -1 -2 0 -2 -1 -1 -1 -1 -1 -4

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Fig. 12

```
3 > 1 | 20810385 | 20 | BC028856.1 | Mus musculus. solute carrier family 28, member 6, clone MGC: 25824
         IMAGE: 4165725, mRNA, complete cds
        Length = 2881
 Score = 44.1 bits (22), Expect = 1.1 Identities = 86/106 (80%)
Strand = Plus / Plus
Score = 44.1 bits (22), Expect = 1.1
Identities = 25/26 (86%)
Strand = Plus / Plus
☑>gi|22775806|gb|AY049076.1| ☐☐ Mus musculus anion exchanger SLC26A6a mRNA, complete cds
       Length = 2552
Score = 44.1 bits (22), Expect = 1.1 Identities = 85/106 (80%)
Strand = Plus / Plus
Score = 44.1 bits (22), Expect = 1.1
Identities = 25/28 (98%)
Strand = Plus / Plus
```

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Fig. 13

